

C-A Unreviewed Safety Issue (USI) Form

Title of USI: Modification of RHIC Buildings 1010A and 1012A ODH Fans

Description of USI:

One of two of the ODH fans have been replaced at Buildings 1010A and 1012A with direct drive exhaust fans in order to allow use of the removed ODH fan penetrations for building air conditioning unit ductwork. The replacement ODH fans each have a capacity of 13450 CFM.

Because each replacement ODH fan exceeds the assumed exhaust flow rate of 11000 CFM in Table 4-6-2 of the C-AD SAD, the consequences of a helium spill are within those computed in the C-AD SAD and the ODH classification of each building remains the same at ODH 0.

Title and Date of Relevant SAD:

Safety Assessment Document Linac, Tandem Van De Graaff, Booster, AGS, RHIC, Transfer Lines and Experimental Areas, Revision 2, August 2004

Committee Chair or ESHQ Division Head must initial all items. Leave no blanks:

ITEM	APPLIES	DOES NOT APPLY
Decision to not revise the current SAD and/or ASE at this time:		<i>OK</i>
The hazard associated with the proposed work or event is covered within an existing SAD and/or ASE.		<i>OK</i>
SAD Title and Date: <u>C-AD SAD, Revision 2 dated 8/2/04</u>		<i>OK</i>
This Form and attachments, if necessary, shall be used to document the USI until the next revision of the appropriate SAD.	<i>OK</i>	
Decision to submit a revised SAD and/or ASE to the BNL ESH Committee:		<i>OK</i>
The hazard associated with the proposed work is not appropriately included in an SAD.		<i>OK</i>

Raymond Karof
Signature of C-A Committee Chair or C-A ESHQ Division Head

10-15-07
Date

Edward T Lessard
Signature of C-A Associate Chair for ESHO

10-15-07
Date